ACCELERATING INDUSTRIES' CLIMATE RESPONSE

SRI LANKA



Reducing Sri Lanka's carbon footprint BUILDING A SUSTAINABLE ECONOMY

Sri Lanka's energy opportunity

Sri Lanka can reduce its carbon footprint while building energy security and a modern economy based on sustainable fuels. The country's growing industrial sector is critical to seizing this opportunity. The sector employs 30 per cent of the nation's workforce and delivers the second highest share of GDP. But, it is one of the largest consumers of the country's fossil fuel-based energy. Supporting the industrial sector to shift away from fossil fuels and become more sustainable will future proof this critical part of the economy.

European Union

UNIDO

Accelerating Industries' Climate Response in Sri Lanka is a project funded by the European Union and implemented by the United Nations Industrial Development Organization with the Ministry of Environment, Ministry of Industries and the Ministry of Power and Energy.

Our goal is to help cut greenhouse gas (GHG) emissions in Sri Lanka's industrial sector by 7 per cent by 2030

To achieve this goal, the Accelerating Industries Climate Response in Sri Lanka project is working across multiple areas to help industry use energy more efficiently, while expanding the share of power drawn from renewable sources, such as solar PV and biogas.

Emissions reporting

We work with government, industries and energy experts to establish baselines for current industrial GHG emissions in Sri Lanka. Through a measurement, reporting and verification (MRV) system under development, we help industries track and report on their GHG emissions and reductions.

Policy support

To attract investment in low-carbon technologies, we help stakeholders identify, develop, promote and implement a coherent set of policies and regulatory measures. We also support highly polluting industries to comply with existing rules.

Industry support

We build capacity within industry on climate change mitigation practices, while testing new technologies and measures to save energy and reduce GHG emissions. We also train energy experts who can guide industries as they transition away from fossil fuels.

Climate financing

Working with financial institutions and industries, we design financing options to incentivize investing in low-carbon technologies. We also train industries and energy experts on financial analysis and how to prepare bankable investment proposals for low-carbon technology projects.

Gender and youth

Sri Lanka's industrial clean energy vision can only be achieved with women and youth at the heart. That's why, every training we deliver, every policy we recommend or help draft, every financial instrument we design considers and addresses the needs of women and young people.

Prioritizing high emitters and energy consumers

Our efforts are focused on industries that consume the largest share of electricity as well as those that use a lot of energy and resources in their production processes. We also prioritize sub-sectors that have a higher potential for GHG emission reductions.

These include: metal (rolling, fabrication, metal finishing); food and beverages; rubber (tires, gloves, other); **textile and apparel** (washing and dying plants); **mining** (tiles, porcelain, roof tiles, quartz, cement production); **consumer goods** (manufacturing of electrical equipment, soap, household items); **paper and printing**; **chemicals and paints; polymer** (packaging, plastic goods, PVC).

OUR TARGETS OVER FIVE YEARS

400
LOW COST/NO COST ENERGY EFFICIENCY SOLUTIONS IMPLEMENTED BY INDUSTRIES

200
ENERGY EFFICIENCY PROFESSIONALS TRAINED TO IMPLEMENT ENERGY EFFICIENCY MEASURES

100 INDUSTRIES IMPLEMENT ISO 50001 EnMS AND ESO MEASURES

5 ISO 001 STANDARD

100
SUPPLIERS TRAINED TO DESIGN AND INSTALL RENEWABLE ENERGY SYSTEMS

80
BANKABLE INVESTMENTS PROPOSALS GENERATED FOR FINANCING

50
GOVERNMENT OFFICIALS TRAINED IN GHG EMISSIONS ACCOUNTING, VERIFICATION AND REPORTING

10 CO_2
HIGH IMPACT LOW-CARBON TECHNOLOGY DEMONSTRATION PROJECTS IMPLEMENTED

CASE STUDIES PUBLISHED ON IMPLEMENTATION OF INDUSTRY DECARBONIZATION SOLUTIONS

70 CASE STUDIES

5
NATIONAL INSTITUTIONS INTEGRATE EnMS AND ESO IN THEIR TRAINING PROGRAMMES

ACCELERATING INDUSTRIES' CLIMATE RESPONSE

SRI LANKA

Together we are changing how industry uses energy for a more sustainable future

The Accelerating Industries' Climate Response in Sri Lanka project is a five-year initiative led by the Ministry of Environment, Ministry of Industries and Ministry of Power and Energy. The project is implemented by the United Nations Industrial Development Organization and funded by the European Union under the Global Climate Change Alliance+. Through a series of working groups we also engage key government institutions as well as leading experts and organizations from the industrial and finance sectors, academia and civil society.

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European Union